CLAIMS

54b 63025 nodifying an existing telephone network by modifying a portion of the call processing software of the existing telephone network and by replacing at least a portion of an audible call progress signal generated by the telephone network by a prerecorded announcement, the system comprising:

means for placing a telephone call by a 10 calling party at a first telephone;

means for connecting the telephone call to an identified called party at a second telephone having a particular calling status;

means for determining the busy/idle

15 status of the second telephone; and

means for playing at least one announcement to the calling party for a predetermined period of time during a time period when an audible call progress signal would have been produced.

20 2. A system according to claim 1, wherein ring by clc said audible call progress signal is a ring signal.

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said announcement is preceded by a single audible ring.

Signal.

25 4. A system according to claim 1, wherein said audible call progress signal is a busy signal.

SUPBS 5. A system according to claim 4, wherein said announcement is preceded by a single audible busy signal.

said calling party can participate in the selection of the type of announcement to be played.

7. A system according to claim 1, wherein said telephone network includes a video terminal at said location of the first telephone.

Sub :

8. A system according to claim 1, wherein said playing means can play a sequence of announcements, wherein said system repeatedly generates additional announcements at predetermined intervals until said identified called party answers said second telephone or said calling party disconnects said first telephone and abandons the telephone call.

9. A system according to claim 1, wherein said determining means checks the busy/idle status of the second telephone at predetermined intervals.

10. A system according to claim 1, wherein said identified called party is immediately connected to said calling party when said identified called party answers said second telephone.

11. A system according to claim 1, wherein said announcements are digitally stored within said playing means.

A system according to claim 1, wherein said telephone network is an interexchange network.

A system according to claim 1, wherein said telephone network is a local exchange network.

A system according to claim 1, wherein said telephone network is a long distance network.

said calling party can interact with said generated

16. A system according to claim 1, wherein the prerecorded announcement can be changed, upgraded or deleted from a remote location.

Claim

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